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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/008,948	12/06/2001	Franklin Zhigang Zhang		4817

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EXAMINER

SHARMA, SUJATHA R

ART UNIT PAPER NUMBER

2618

DATE MAILED: 06/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 6,8-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 6 discloses a multi-channel redundant wireless link device. However, in line 27 of the claim, the claim recites "communication between the RWNL and remote RWNL device" which lacks antecedent basis.

Further claims 8-10 depend on claim 6 and in line 3 recite "two multi-channel RWNL devices of claim 6" which lack antecedent basis.

Therefore claim 6 and its dependent claims 8-10 are rejected.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 6,7 is rejected under 35 U.S.C. 102(b) as being anticipated by Gollnick [US 5,844,893].

Art Unit: 2684

Regarding claim 6, Gollnick discloses a method for coupling host computer means with base transceiver units on a local area network. Gollnick further discloses a network controller/redundant wireless networking unit (RWNL) (40A, 40B in figs. 9-12) comprising:

- A processor (see fig. 4 and col. 6, lines 4-13)
- a system function means; (see fig. 4 and col. 6, lines 4-13 and 36-41)
- a plurality of wireless networking units; see figs 9-12 ,col. 7, lines 39-46
- a plurality of wired networking units; see figs 9-12, col. 7, lines 39-46
- at least one system bus; see figs. 4,7,13 and col. 7, lines 39-46
- whereby the said units are interconnected with each other via the said system bus, and whereby all the units are inside on enclosure with necessary connectors for connecting to the outside of the said enclosure. See col. 10, lines 9-18
- wherein the system function means is the digital possessing function running primary in the processor unit and among all the other units. See fig. 4 and col. 6, lines 4-13 and 36-41
- Wherein said wireless networking unit can communicate with remote wireless networking device forming a wireless networking sub-link via antenna means; see figs. 9-12 and col. 8, lines 22-24
- Wherein said system function means is running to control networking communication packets to be redistributed among all the wireless networking units for aggregating the networking bandwidth and providing redundancy among the wireless units; see figs. 9-13 and col. 8, line 64 – col. 11, line 8

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- Wherein the said system function means is communicating between the said wireless and wired networking units in the same said RWNL device; See figs. 7-13, col. 4, lines 36-67, col. 7, lines

Regarding claim 7, Gollnick further discloses a method wherein said RWNL device include a control unit for extending the system control to wireless networking units whereby said control unit connect to system bus whereby said control unit connects to said wireless networking units whereby said processor unit can extend the controlling capability via the control unit. See figs. 7-13, col. 4, lines 36-67, col. 7, lines

Response to Arguments

5. Applicant's arguments with respect to claims 6-10 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Banerjee [US 6,760,017] Wireless interface device for communicating with a remote host computer

Ganz [US 6,584,080] Wireless burstable communication repeater

Tubbs [US 6,567,855] Portable processing system with always on, always connected capability


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Alexander [US 6,272,120] Multi-radio bridge

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 571-272-7886. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on 571-272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Sujatha Sharma
June 5, 2006


Matthew D. Anderson
Supervisory Patent Examiner